

L# ANSWER 227 OF 419 CAPLUS COPYRIGHT 2002 ACS

AN 1990:478156 CAPLUS

DN 113:78156

TI Preparation of N-methylpyrrolidone

IN Yakushkin, M. I.; Golovachev, V. A.; Lyubimova, E. A.; Marchik, L. Yu.

PA Leningrad Scientific-Industrial Enterprises for the Development and
Introduction of Petrochemical Processes, USSR

SO U.S.S.R.

From: Otkrytiya, Izobret. 1990, (15), 135.

CODEN: URXXAF

PATENT NO. KIND DATE APPLICATION NO. DATE

PI SU 1558903 A1 19900423 SU 1988-4453434 19880701

AB The prepn. of the title compd. (I) by condensation of MeNH₂ with
.gamma.-butyrolactone on a catalyst at 250-320.degree. using excess MeNH₂
by fractionation is improved. The effectiveness of the catalyst is
increased by condensing AlCl₃ on an amorphous aluminosilicate and 70-95
wt.% Si oxide, and the procedure is simplified by transferring MeNH₂ to a
liq. phase under a pressure of up to 5 atm.

IC ICM C07D207-267

DT Patent

LA Russian